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MATERIALS

Chemical analysis of color lacquers. N. V. Fedoseeva and M. T. Nesternko. *Poligraficheskii Proizvodstvo* 1938, No. 3, 33-7; *Khim. Referat. Zhur.* 1, No. 11-12, 196 (1938).—Analysis is made of color lacquers obtained by the posn. of the color on the substrate or by mixing of the pigment colors with the substrate. Methods are described for the analysis of the colors, and a scheme is given for the analysis of color lacquers (taking of the mean sample, detn. of the substrate, detection of the pigment of the lacquer, detn. of the homogeneity of the pigment of the lacquer, detn. of the pigment and detn. of water). Formulas and a list of the necessary app. and materials for the detns. are given. W. H. Henn

26

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1320 80479

1320 80479

[illegible]

A new method for the determination of copper in stereotype and linotype alloys. N.Y. PERKOV. *Polygraphicheskoe Proizvodstvo* 1938, No. 8-9, 41-3; Khim. Referat. Zhur. 2, No. 3, 71(1939).—F. recommends the colorimetric method of T. Carnelly (*Chem. News* 32, 308 (1875)) for the detn. of Cu with K₂Fe(CN)₆ in the presence of NH₄Cl. W. R. Henn

CP 26

PROCESSING AND PREPARATION ONLY

Determination of Milori Blue in printing inks. N. V. Fedorova. *Poligraf. Promyshl.* No. 2, 34(1960).
 Weigh carefully a 2-g. sample in a porcelain crucible, det. the ash, heat with HCl (1.19), dil. to 150-200 cc., filter, wash with hot water, and repeat acid treatment and washing until the liquid is colorless. Combine the acid solutions and wash waters and det. the Fe with NH₄. The percentage of Milori Blue is $a(2.07/100)b$, in which b is wt. of sample, and a is the wt. of Fe₂O₃ det. H. Z. K.

ADD SEE METALLURGICAL LITERATURE CLASSIFICATION

METALLURGICAL LITERATURE CLASSIFICATION																									
1ST AND 2ND GROUPS													3RD AND 4TH GROUPS												
PROCESSES AND PROPERTIES INDEX																									
<p>discussions. <i>Metallurg. Zh.</i>, 1940, (7), 40-41; <i>C. Abstr.</i>, 1940, 34, 3612. — [In Russian.] Place a 2-grm. sample of the Sb-Bi alloy in the flask of a Lasker apparatus, add 50 ml. of 40-50% FeCl_3 solution, 68 ml. HCl (d 1.19), and 7 ml. distilled water; stopper, heat, and collect the distillate in water. Distillation is complete when the volume in the flask is 35-40 ml. Transfer the distillate to a 350-400 c.c. Erlenmeyer flask, add 60 ml. HCl, heat to 60-70° C., and titrate with 0.05N $\text{K}_2\text{Cr}_2\text{O}_7$ in the presence of 2 drops of methyl orange. A blank titration is also carried out. In the case of the Sb-As alloy, use a 0.25-grm. sample.</p>																									

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Determination of sulfur in type metal. N. V. Fedosova,
Poligraficheskoe Proizvodstvo 1940, No. 8-9, p. 3; Krim.
Referat. Zhur., 1940, No. 3, 67.—The method described is
similar to that used in detg. S in steel. W. R. Hean

ASB-BLA METALLURGICAL LITERATURE CLASSIFICATION

26

Determination of the acidity of linseed-oil colors. N. V. Poliguan—*Poligraf. Proizvodstva* 1941, No. 8, 27-30; *Chem. Zentr.* 1942, II, 2290. F. recommends the following electrometric titration for the detn. of acidity of colors prepd. with boiled linseed oil: A 5-g. sample with 40 cc. of neutral benzene is allowed to stand for 1-1.5 hrs., then pptd. with neutral alc., allowed to stand for several min., and filtered; the residue is twice dissolved in 10 cc. benzene and pptd. from 5 cc. alc.; the combined filtrates are mixed with 25 cc. of neutral amyl-alc. 1% soln. (7 g. in 200 cc.) and with a pinch of quinhydrone, then electrometrically titrated with an alc. 0.1 N KOH soln. (phenolphthalein); the sample is connected with 40 cc. of a quinhydrone-conig. KCl soln. (37 g. in 250 cc. H₂O) in a dual vessel by means of an agar bridge (5 g. agar dissolved in 100 cc. H₂O); 5 cc. of a 10% aq. KI soln. is added and a U-shaped glass tube is filled with it. Pt wires serve as electrodes. The contact with the Cu conductors is made by Hg. The measured e.m.f. values are recorded in relation to the consumption of KOH and give the total contents in free and colloidal fatty acids in the colors. Sonya G. Marcheson

FEDOROVA, N. Ya.: Master Tech Sci (diss) -- "The stability of low buildings on shallow foundations under the conditions of Chita Oblast". Vladivostok, 1958. 19 pp (Acad Sci USSR, Siberian Dept, Far East Affiliate im V. L. Komarov), 150 copies (KL, No 3, 1959, 111)

FEDOROVA, N.Ya. (Vladivostok)

Shallow foundations on heaving soils. Osn.fund.i mekh.grun. 2
no.2:17-19 '60. (MIRA 13:8)
(Foundations) (Soil physics)

FEDOROVA, N.Ya., kand. tekhn. nauk; FEDOROV, V.I., kand. tekhn. nauk; IFTINKA, G.A., red.; SHEVCHENKO, T.N., tekhn. red.

[Instructions for designing and constructing foundations and basements of buildings and installations on clay soils by the seam draining method] Ukazaniia po proektirovaniu i ustroistvu fundamentov i podvalov zdani i sooruzhenii v glinistykh gruntakh po metodu dreniruiushchikh prosloek. Moskva, Gosstroizdat, 1963. 26 p. (MIRA 17:2)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyy komitet po de-dam stroitel'stva. 2. Dal'nevostochnyy nauchno-issledovatel'skiy institut po stroitel'stvu Gosstroya RSFSR (for Fedorova).
3. Proyektnyy institut No.4 Dal'nevostochnogo sovnarkhoza (for Fedorov).

FEDOROVA, N.Ya.

Principles of designing the foundation beds and
foundations for low buildings and structures in districts
with deep seasonal freezing and extensive permanently
frozen ground. Sbor. nauch. rab. DVNIIS no.3:87-93 '62.
(MIRA 17:5)

FEDOROVA, N. Ya.

"Biology of *Fragaria Bucharica* A. Los.," Dok. AN. 56, No. 4, 1947

FEDOROVA, N.Ya.

Natural variability of actinomyces strains producing streptomycin.
Mikrobiol. zhur. 22 no. 1:15-19 '60. (MIRA 13:10)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta
antibiotikov, Moskva.
(ACTINOMYCES)

FEDOROVA, N.Ya.

Actinophage as a factor increasing variability in streptomycin
producing actinomycet strains. Mikrobiol. zhur. 22 no. 3:40-46
'60. (MIRA 13:12)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta antibiotikov,
Moskva.

(BACTERIOPHAGE)

(ACTINOMYCES)

PEDOROVA, N.Ya.; YEL'CHITS, S.V. [IEl'chyts', S.V.]

Regularities in the formation of vitamin B₁₂ in the production
of feed biomyces. Khar.prom. no.2:68-71 Ap-Je '62.

(MIRA 35:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtovoy
promyshlennosti.

(Feeds)

(Cyanocobalamin)

(Chlortetracycline)

ASHKINUZI, Z.K.; FEDOROVA, N.Ya.; DRAZHNER, T.M.

Utilization of alkali protein waste waters and malt shoots
in the production of feed biomyoin. Khar.prom. no.3:61-64
Jl-S '62. (MIRA 15:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtovoy
promyshlennosti.

(Feeds) (Chlortetracycline)
(Distilling industries--By-products)

FEDOROVA, N.Ya.; SEMERNYA, V.M.; TKACHENKO, Ye.M.

Use of a new strain of the chlortetracycline producer in the preparation of antibiotic feeds. Ferm. i spirt. prom. 30
no.2:33-34 '64. (MIRA 18:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtovoy i likero-vodochnoy promyshlennosti (for Fedorova). 2. Nemeshayevskiy zavod kormovyykh antibiotikov (for Semernya, Tkachenko).

FEDOROVA, N.Ya.; BUY, T.T.; PISARCHUK, Ye.N.

Biosynthesis of chlortetracycline and vitamin B₁₂ A.aureofaciens.
Ferm. i spirt.prom. 30 no.4:45-47 '64.

(MIRA 18:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtovoy i
likero-vodochnoy promyshlennosti.

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p>CA</p> <p>Dyeing with vat dyes. N. B. Fedorova and A. I. DUTM-kova. <i>Akropolitekhnik</i> 1958, No. 7-8, 50-2 (1958); <i>Chem. Zvezd.</i> 1959, 1, 4253. — Data are given on the dyeing with the following dyes in a dye works previ-ously using diamine dyes: Nigrosanthrene Blue GCD (or Indanthrene Blue GCDN), Octane Blue N RS (or Indanthrene Blue RS), Solanthrene Dark Blue N B (or Indanthrene Dark Blue BO), Helindone Yellow, Indanthrene Red RK, Chloroindanthrene, Bromoindigo, Thioindigo Red B and Indanthrene Black 2 B. W. A. Moore</p>																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
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The iron mordant is textile printing. E. Y. Podreshetnikov and M. E. Padorova. *Khlopchek-bumazhenye* Press, 10, No. 4-5, 60(1947); *Chem. Zvezd.* 1941, 1, 561.

—Directions are given for printing with a mixt. of equiv. amts. of Fe vitriol and NaOAc to which $(NH_4)_2CrO_4$ and HOAc are added. Very simple methods are given for printing fast colors with Alizarin Red and Alizarin Blue. Printing is done either on the clean fabric or over naphthol or indigol.

M. G. Moore

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Z S

The fixation of mordant dyes with the simultaneous development of indigo blue. H. Ya. Fedirshchikov, N. B. Fedorova and A. N. Burikova. *Tekstil. Prom.*, 1941, No. 8, 23-4; *Chem. Zvest.* 1943, I, 331.—Steaming of $(\text{NH}_4)_2\text{CrO}_5$ liberates CrO_3 , which oxidizes indigo blue and is converted into CrO_3 ; NH_4Cl used simultaneously forms an acid medium. Based on these facts is a process for the manufacture of a fast green dischargeable dye, which consists of indigo blue and Chrysotrocin. The process is described in detail.
Lopold Scheffan

ASS-SLG METALLURGICAL LITERATURE CLASSIFICATION

PROCESSING AND PROPERTIES INDEX																									
TEST AND PROPERTIES													TEST AND PROPERTIES												
<p><i>Ca</i></p> <p>Inhibitors in the textile industry. N. R. Fedorova and E. I. Shchadynakova. <i>Tekstil. Prom.</i> 7, NO. 2, 24-4 (1947). Waste (H₂O) from sizing operations and waste cooking liquors from Tisot boilers may be used as inhibitors in textile manuf. Sizing waste water (Inhibitor "RV") contains unsplit starch, dissolved starch, aldehydes (particularly effective as inhibitors, especially CH₂O and its polymers), glucose, etc. The waste cooking liquor (Inhibitor "OS") contains amino acids, including substituted phenylalanine. After 24 hrs. exposure to 12% H₂SO₄, the following results were obtained, expressed as percent-age of the % sample dissolved: no inhibitor 1.65%, 10 g./l. starch 1.85%, 10 g./l. bleached fibers 1.85%, 10 g./l. dextrin 0.85%, 310 g./l. unbleached fibers 0.5%, 6 g./l. Inhibitor "RV" 0.45%, 10 g./l. formalin 0.28%, 2.76 g./l. amino acids as Inhibitor "OS" 0.05%. M. S.</p>																									
<p>ASB-554 METALLURGICAL LITERATURE CLASSIFICATION</p>																									

FEDOROVA, N. YE

23372 Smyvayemost' Zagustok S T kani. (12 Opyta Fabriki Bim).. Tekstil.
Prom-st', 1949, No. 7, c. 31-34.

SO: LETOPIS NO. 31, 1949

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(2) 3

Stable diazo compounds. N. E. Fedorova and E. I. Sheludyakova. *Tekstil. Prom.* 14, No. 1, 40-8(1954).
In dyeing with ice dyes, stable active diazo compds. are used. They are obtained by addn. of $ZnCl_2$, $CdCl_2$, naphthalenesulfonic acids, etc. to diazonium hydrochlorides. For ruby shades, an Azoamine Ruby G, 4-nitro-2-amino toluene (I), is used. A stable salt of diazotized I can be obtained by treating I in soln., contg. 4 moles HCl per mole amine, with dry ZnO in an amt. equiv. to 1 mole HCl . The isolated double salt is water-sol., neutral to Congo red, and easily coupled with Azotol A. It dyes the fabric flame-red.
Elisabeth Barabash

FEDOROVA, N.Ye.; SHALUDYAKOVA, Ye.I.

~~Neutralizing diazo-solutions with chalk.~~ Tekst.prem.14 no.2:26-29
F '54. (MLBA 7:5)

1. Khimicheskaya laboratoriya fabriki BIM. (Dyes and dyeing)

"APPROVED FOR RELEASE: Thursday, July 27, 2000

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Thickening agent with effluents. N. E. Fedorova and A. N. Vasilanova. *Textile Tech.* 1964 14 No 10 33-35. A new thickening agent, claimed to be easily water-soluble and filterable is prepared by adding NaOH to a dil. starch solution, while stirring for 30-40 min. and admixing an aq. solution of Na₂CO₃ or Na₂SO₄ to the solution. The thickening agent is used for thickening of dye solutions. For mordant and azo dyes, Acetic acid is added to obtain an acid reaction. The thickening agent is particularly effective in dyeing of rayon fabrics and printing of flannel.

FEDOROVA, Nina Emel'yanovna; KHORITSKIY, Nikolay Oskarovich; BELEN'KIY,
L.I., Kandidat tekhnicheskikh nauk, redaktor; GUSEVA, Ye.M.,
redaktor; KONOPLIEVA, A.I., retsentsent; NEKRASOVA, O.I., tekhnicheskiiy redaktor

[Technical control in cotton finishing production] Tekhnicheskii kontrol' v khlopchatobumazhnom otdelochnom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva tekstil'noi promyshl. SSSR, 1955. 291 p. (Cotton finishing) (MIRA 9:2)

USSR

Printing with diphenyl black dzo. N. B. Fedorova and
I. N. Migacheva. *Tekstil. Prom.* 13, No. 3, 30-31 (1965).
p-Aminodiphenylamine (I) or its HCl can be used success-
fully in place of Aniline Black for printing cotton fabric
with no degradation of the latter, in the presence of Leuco-
trope O (II). Thus the printing dye remains neutral or
weakly acid until passage through the developing bath
where II decomp., giving off HCl necessary for oxidation of
I. The following compn. of the printing paste is recom-
mended: To a smooth paste of 1.60, (CH₃OH)₂ 40, and 30%
HOAc 120 g. is added a thickener 450, KClO₃ 50, H₂O 100,
dry II 80, and H₂O 100 g. After printing and drying the
fabric is kept 1-3 min. at 98-100° in the oxidation-devel-
oping bath, washed with cold H₂O, soap, and Na₂CO₃, and
then with hot and cold H₂O. Elisabeth Barabakova

FEDOROVA, N.Ye.; VOROB'YEVA, A.N.

New methods for achieving color fastness. Tekst. prom. 18 no.2:42-45
F '58. (MIRA 13:3)

(Textile fabrics) (Dyes and dyeing)

FEDOROVA, Nina Yemel'yanovna; IVANOV, P.P., red.; PANKRATOV, A.I.,
tekhn.red.

[Chemical substitutes for edible raw products used in the
textile industry] Khimicheskie zameniteli pishchevogo
syr'ia v tekstil'noi promyshlennosti. Ivanovo, Ivanovskoe
knizhnoe izd-vo, 1959. 35 p. (MIRA 13:5)
(Textile chemistry)

FEDOROVA, N.Ye.; MORYGANOV, P.V.

Single bath method for bleaching cotton fabrics with highly stable
hydrogen peroxide solutions in boiling pans. *Izv.vys.ucheb.zav.;*
tekh.tekst.prom. no.4:129-137 '60. (MIRA 13:9)

1.Ivanovskiy khimiko-tekhnologicheskii institut.
(Bleaching) (Cotton fabrics)

FEDOROVA, N.Ye.; MORYGANOV, P.V.

Bleaching of cotton fabrics with high stability hydrogen
peroxide solutions. Tekst. prom. 20 no. 12:32-36 D '60.
(MIRA 13:12)

(Bleaching agents)

(Cotton fabrics)

FEDOROVA, N.Ye.; MORYGANOV, P.V.

Continuous single-bath method of bleaching cotton fabrics with high-stability peroxide solutions. Izv. vys. ucheb. zav.; tekhn. teks. prom. no. 2:96-103 '61. (MIRA 14:5)

1. Ivanovskiy khimiko-tekhnologicheskii institut.
(Bleaching)

FEDOROVA, N.Ye., dotsent; MORYGANOV, P.V., doktor tekhn.nauk, prof.;
Prinimali uchastiye: BROVTSEV, V.V.; BOLOTOVA, A.A.; KISELEVA, L.M.,
inzh.; VINOGRADOVA, V.A., inzh.; LOBANOVA, S.K., studentka

Continuous method of bleaching cotton fabrics. Tekst.prom. 21
no.6:50-54 Je '61. (MIRA 15:2)

1. Ivanovskiy khimiko-tekhnologicheskij institut (for Fedorova,
Lobanova). 2. Glavnyy inzh. fabriki "Krasnaya Talka" (for
Brovtsev).

(Bleaching).

KATSMAN, I.M.; FELDOROVA, N.Ye.

Economic efficiency of an intensified bleaching of cotton fabrics.
Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.1:11-17 '62. (MIRA 15:3)

1. Ivanovskiy khimiko-tekhnologicheskii institut.
(Cotton fabrics) (Bleaching)

FEDOROVA, N. Ye.; MORYGANOV, P. V.; KOMANDAKOVA, L. A.

Mechanism of the action of the stabilizers of hydrogen
peroxide alkali solutions and its practical application.
Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 4:76-83 '62.
(MIRA 15:10)

1. Ivanovskiy khimiko-tekhnologicheskoy institut.

(Bleaching) (Hydrogen peroxide)

CA FEDOROVA, N. Ye.

The chemical composition of atmospheric waters. E. S. Burkser and N. K. Fedorova (T. G. Shevchenko State

Univ., Kiev). *Gidrokhim. Materialy (Hydrochem. Materials)* 10, 107-12 (1949).—Samples were collected in various parts of the Ukraine. Av. results are as follows: Ca 8.65 Mg 2.51, Cl, 2.20, S 3.21, and C $5.88 \times 10^{-4}\%$ on a wt basis. B. Z. Kamich

BUKSER, Ye.S.; FEDOROVA, N.Ye.; ZAYDIS, B.B.

Chemical analysis of water in small samples or with low mineralisation.
Ukr.khim.zhur.17 no.1:8-21 '51. (MLRA 9:9)

1.Kiyevskiy gosudarstvennyy universitet i Institut geologicheskikh
nauk Akademii nauk Ukrainskoy SSR.
(Water--Analysis)

PEDOROVA, N.Ye. --

"Chemical and Isotopic Composition of Atmospheric Deposits in the USSR."
Cand Chem Sci, Novocherkassk Polytechnic Inst, Novocherkassk, 1954. (RZhKhim,
No 20, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR
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SO: Sam No. 481, 5 May 55

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BURKSH, Ye.S.; FEDOROVA, N.Ye.

Role of the chemical composition of atmospheric precipitation
in the formation of natural waters. Gidrokhim.mat. 24:81-83
'55. (MIRA 9:4)

1. Institut geologicheskikh nauk Akademii nauk USSR, Kiev.
(Water, Underground) (Water--Analysis)

FEDOROVA, N. Ye.

DUROV, S.A.; FEDOROVA, N. Ye.

Sources of the ion and salt composition of atmospheric precipitation in the U.S.S.R. Dokl. AN SSSR 103 no.4:663-665 Ag'55. (MLRA 8:11)

1. Novocherkasskiy politekhnicheskiy institut imeni Sergo Ordzhonikidze i Krivorozhskiy gornorudnyy institut. Predstavleno akademikom N.M.Strakhovym.

(Precipitation (Meteorology))

FEDOROVA, O.

Some problems of the stimulation of student participation.
Prof.-tekh. obr. 21 no.11:13-15 N '64 (MIRA 18:2)

1. Nauchno-issledovatel'skiy institut professional'no-tekh-
nicheskogo obrazovaniya.

Мамонова, И.С.; Федорова, О.А.

Modernization of the heterogeneous series in the study of bacteria
of the intestinal group. Zhur.mikrobiol.epid.i immun. no.8:89 Ag '54.
(MIRA 7:9)

1. In Moskovskogo instituta epidemiologii i mikrobiologii, i sanitarno-
epidemiologicheskoy stantsii Pervomayskogo rayona Moskvy.
(BACTERIA)

TOPOLYANSKAYA, S.I.; FEDOROVA, O.A.; MASLOVSKAYA, O.I.

Spreading of Salmonella in a district. Zhur. mikrobiol.,
epid. i immun. 40 no.2:108-109 F.'63. (MIRA 17:2)

1. Iz sanitarno-epidemiologicheskoy stantsii Kalininskogo
rayona Moskvy.

FEDOROVA, J. H.

USSR/Farm Animals. - Reindoor

Q-4

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26195

Author : Fedorova O.A.

Inst : Not Given

Title : The Value of Hay in the Rations of Reindoor (Znacheniye sen-
v ratsionakh severnogo olonya)

Orig Pub : Tr. N.-i. in-ta s.kh. Krayn. Severa, 1956, 2, 73-87

Abstract : In the experiments of feeding different rations to the working and non-working reindoor, it was established that when the rations consist of hay mixed with Iceland moss and concentrates, the digestibility of mineral and nitrogenous substances increases, and that of carbohydrates decreases. The positive effect of feeding hay was observed when the hay did not exceed 25% of the dry substances of ration. Diving of the food (ration no 31), containing up to 40% of the coarse-stalky hay, was associated with a decrease of efficiency and depression of the general condition of the reindoor. It is recommended to feed fine-stalky hay to reindoor.

Card : 1/1

FEDOROVA O. A.

USSR / Farm Animals. Reindeer.

Q-3

Abs Jour: Ref Zhur-Biol., No 23, 1958, 105734.

Author : ~~Fedorova, O. A.~~
Inst : Scientific Research Institute of Agriculture
of the Extreme North.

Title : Feed Requirements of Reindeer in Wintertime.

Orig Pub: Byul. nauchno-tekhn. inform. N.-1. in-t s. kh.
Krayn. Soveta, 1957, No 2, 5-6.

Abstract: The standard feed requirements for grazing reindeer at different consistencies of snow cover during the first and second half of winter are given. At the end of winter the requirement of reindeer in nutritive substances is higher than at the start of it by 35%.

Card 1/1

TOBOLYANSKAYA, S. I. FEDOROVA, O. A. LITSKAYA, B. G.
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CIA-RDP86-00513R000412

Familial toxicoinfections caused by Salmonella Eastbourne. Zhur.
mikrobiol., epid. i immun. 32 no.9:240 S '61. (MIRA 15'2)

1. Iz sanitarno-epidemiologicheskoy stantsii Kalininskogo rayona
Moskvy.

(SALMONELLA)

TOPOLYANSKAYA, S.I.; FEDOROVA, O.A.; NUKHNAREVICH, A.F.; BRONSHTEYN, R.B.;
GRINBERG, TS.B.; NIKOLAYEVA, K.G.; SPERANSKAYA, K.I.; IVANOVA, V.N.;
KISELEVA, V.P.; VIL'SHANSKAYA, F.L.; MATVEYEVA, V.N.

Finds of Salmonella reading. Zhur. mikrobiol. epid. i immun. 32
no.7:123 Je '61. (MIRA 15:5)

1. Iz sanitarno-epidemiologicheskoy stantsii Kalininskogo rayona
Moskvy i Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.
(SALMONELLA READING)

SMIRNOVA-MUTUSHEVA, M.A.; KAGANOVSKAYA, S.N.; LITINSKIY, Yu.I.; MARKUS,
V.D.; SHUL'MAN, E.A.; DOVZHIK, R.M.; FEDOROVA, O.A.

Bacteriological diagnosis of salmonellosis. Lab. delo 8 no.10:
48-49 '62 (MIRA 17:4)

1. Laboratoriya Moskovskoy gorodskoy sanitarno-epidemiologi-
cheskoy stantsii i sanitarno-epidemiologicheskiye stantsii
Kalininskogo, Moskvoretskogo i Leninskogo rayonov.

TOPOLYANSKAYA, S.I.; BELOVA, N.D.; PUKHNAREVICH, A.F.; FEDOROVA, O.A.

Phage prophylaxis of dysentery in day nurseries. Zhur.mikrobiol.,
epid. i immun. 42 no.9:124-125 S '65.

(MIRA 18:12)

1. Sanitarno-epidemiologicheskaya stantsiya Kalininskogo rayona
Moskvy. Submitted June 30, 1964.

FEDOROVA, O.D.

Attachment of diaphragm flap to oardia in the surgical treatment
of of cardiospasm (according to Petrovsky). Acta chir. plast.
(Praha) 6 no.4:279-284 '64.

1. Surgical Clinic, First Moscow Medical Institute, Moscow
(U.S.S.R.) (Director: Prof. B.V. Petrovsky, act. mem. of
Academy of Medical Sciences, U.S.S.R.).

~~FEDOROVA, O.D.~~

~~FEDOROVA, O.D.~~

Late results following transthoracic esophagofundoenastomosis in
cardiospasm [with summary in English]. Khirurgiya 33 no.10:123-128
O '57. (MIRA 11:2)

1. Iz fakul'tetskoy khirurgicheskoy kliniki i periatricheskogo
fakul'teta (zav. - prof. B.V.Petrovskiy) II Moskovskogo gosudarstven-
nogo meditsinskogo instituta i 1-go khirurgicheskogo oddeleniya
Gorodskoy klinicheskoy bol'nitsy No.2 (glavnyy vrach A.I.Khromova)

(CARDIOSPASM, surg.

transthoracic esophagofundoenastomosis, remote results
(Rus))

(ESOPHAGUS, surg.

transthoracic esophagofundoenastomosis in cardiospasm,
remote results (Rus))

(STOMACH, surg.

same)

FEDOROVA, O.D.

Clinical picture and diagnosis of cardiospasm. Sov.med. 22 no.5:
83-88 My '58 (MIRA 11:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki pediatricheskogo fakul'
teta (sav. - prof. B.V. Petrovskiy) II Moskovskogo meditsinskogo
instituta imeni N.I. Pirogova i pervogo khirurgicheskogo otdeleniya
Gorodskoy klinicheskoy bol'nitsy No.2 (glavnyy vrach A.I. Khromova).
(CARDIOSPASM,
diag. & ohlin. manifest (Rus))

FEDOROVA, O.D., Cand Med Sci --(disc)" Certain problems of ^{the} surgical treatment of cardiospasm." Mos, 1959. 13 pp (First Mos Order of Lenin Med Inst in I.M. Sechenov), (P, 27-39, 123)

- 74 -

FEDOROVA, O.D.

Peptic esophagitis as a complication of esophagofundopanastomosis.
Khirurgiia 36 no.1:93-99 Ja '60. (MIRA 13:10)
(ESOPHAGUS--DISEASES) (CARDIOSPASM)

~~FEDOROVA, O.D.~~

Cyst of the vermiform process. Azerb. med. zhur. no. 2:75-77
F '61. (MIRA 14:2)

1. Is gospi'tal'noy khirurgicheskoy kliniki (zav. -deystvitel'nyy
chlen AMN SSSR, prof. B.V.Petrovskiy) i Moskovskogo ordena Lenina
meditsinskogo instituta im. I.M. Sechenova.
(APPENDIX (ANATOMY)—SURGERY) (CYSTS)

FEDOROVA, O. D., kand. med. nauk, Moskva, Leningradskiy pr., d. 75, kv. 344

Cardiospasm and diverticulum of the esophagus. Vest. khir. no.2:
19-24 '62. (MIRA 15:2)

1. Iz gosital'noy khirurgicheskoy kliniki (zav. - prof. B. V.
Petrovskiy) 1-go Moskovskogo ordena Lenina meditsinskogo instituta
im. I. M. Sechenova.

(CARDIOSPASM) (ESOPHAGUS---DIVERTICULA)

FEDOROVA, O.D., kand.med.nauk (Moskva, A-57, Leningradskiy pr., d.75, kv.344)

Cardiospasm and its complications. Nov.khir.arkh. no.4:11-16
'62. (MIRA 15:5)

1. Kafedra gosptal'noy khirurgii (zav. - prof. B.V. Petrovskiy)
1-go Moskovskogo ordena Lenina meditsinskogo instituta imeni
I.M. Sechenova.

(CARDIOSPASM)

PETROVSKIY, B.V., prof.; FEDOROVA, O.D., kand. med. nauk

Effors and hazards in the surgical treatment of cardiospasm.
Khirurgiia 39 no.6:3-10 Je '63. (MIRA 17:5)

1. Iz gospiatal'noy khirurgicheskoy kliniki (zav. - deystvitel'nyy
chlen AMN SSSR prof. B.V. Petrovskiy) I Moskovskogo ordena Lenina
meditsinskogo instituta imeni Sechenova.

FEDOROVA, O.D., kand.med.nauk (Moskva, Leningradskiy prospekt, 75, kv.344)

Hernias of the anterior portion of the diaphragm. Vest. khir. 92 no.3:
131-134 Mr '64. (MIRA 17:12)

1. Iz gospi'tal'noy khirurgicheskoy kliniki (zav. - prof. B.V.Petrovskiy)
1-go Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

FEDOROVA, O.P. (g. Leningrad); SHUL'NIKOVA, A.Ye. (g. Leningrad)

Experience derived from the conduction of an excursion of a class on
physics and chemistry. *Fiz. v shkole* 14 no.5:74-77 S-0 '54. (MLRA 7:9)
(Physics--Study and teaching) (School excursions) (Chemistry--
Study and teaching)

FEDOROVA, O. F.

"Industrial Tours in Eighth to Tenth Grades of High School
as a Method of Polytechnical Education." Leningrad State Pedagogic Inst
imeni A. I. Gertsen, Leningrad, 1955. (Dissertation for the Degree
of Candidate in Pedagogical Sciences)

SO: M-955, 16 Feb 56

FEDOROVA, O.F., kandidat pedagogicheskikh nauk, redaktor; PANICH, M.S.,
redaktor; LEVONEVSKAYA, L.G., tekhnicheskii redaktor

[School and labor; a collection of papers on polytechnical training
in school] Shkola i trud; sbornik o oplitekhnicheskome obuchenii v
shkole. [Leningrad] Lenizdat, 1957. 202 p. (MIRA 10:11)
(Technical education).

FEDOROVA, O.F.

Some questions concerning organization and content of industrial practice for students. Politekh. obuch. no.5:34-37 My '58.

(MIRA 11:5)

1. Leningradskiy institut pedagogiki.

(Field work (Educational method))

FEDOROVA, O.F.; RAYKHMAN, A.G.

Practice in assembling and dismantling in the course on mechanical
engineering for the eighth grade. Politekh.obuch. no.11:51-56
N '58. (MIRA 11:12)

1. Srednyaya shkola No.157 g. Leningrada.
(Mechanical engineering--Study and teaching)

FEDOROVA, O.F.

Some ways to improve the industrial training of senior students. Politekh.obuch. no.11:19-22 N '59. (MIRA 13:2)

1. Leningradskiy institut pedagogiki.
(Vocational education)
(Field work(Educational method))

KRIVONOS, I.F.; FEDOROVA, O.F., kand. pedagog. nauk, red.; SHIBANOV,
P.M., red.; DOBROKVASHINA, A.M., tekhn. red.

[School building team] Shkol'naia stroitel'naia brigada; iz opyta
raboty Starogutnianskoi srednei shkoly Brianskoi oblasti. Pod
red. O.F.Fedorovoi. Moskva, Izd-vo Akad. pedagog. nauk, 1961. 51 p.
(MIRA 14:12)

(Building trades--Study and teaching)

FEDCROVA, Ol'ga Fedorovna; KOPTEKOVA, L.A., red.; TARASOVA, V.V.,
tekhn. red.

[Some aspects of the improvements of professional qualification of evening (staggered) school students] Nekotorye voprosy povysheniia professional'noi kvalifikatsii uchashchikhsia vechernikh (smennykh) shkol. Moskva, 1963. 116 p.
(MIRA 17:3)

BOYEV, M.M.; FEDOROVA, O.G.

Great life of the "Spartak" plant. Za indus.Riaz. no.2:27-29 D
'61. (MIRA 16:10)

1. Nachal'nik otдела truda i zarabotnoy platy tsementnogo zavoda
"Spartak" (for Boyev). 2. Otvetstvennyy sekretar' mnogotirazhnoy
gazety "TSementnik" (for Fedorova).

FEDOROVA, O.K., Cand Med Sci -- (diss) "Certain immunological reactions in patients with chronic tonsillitis." Mos, 1958, 12 (Min of Health RSFSR. Mos Med Stomatological Inst) 200 copies (KL, 27-58, 11)

- 224 -

FEDOROVA, O. M.

"Toward the Ecology of Nitrosomonas," a paper delivered at the Conf. of Young Specialists, Inst. Microbiology, AS USSR, Mikrobiol., 25, No.1, p. 134, 1956

Translation U-8982, 9 Oct 56

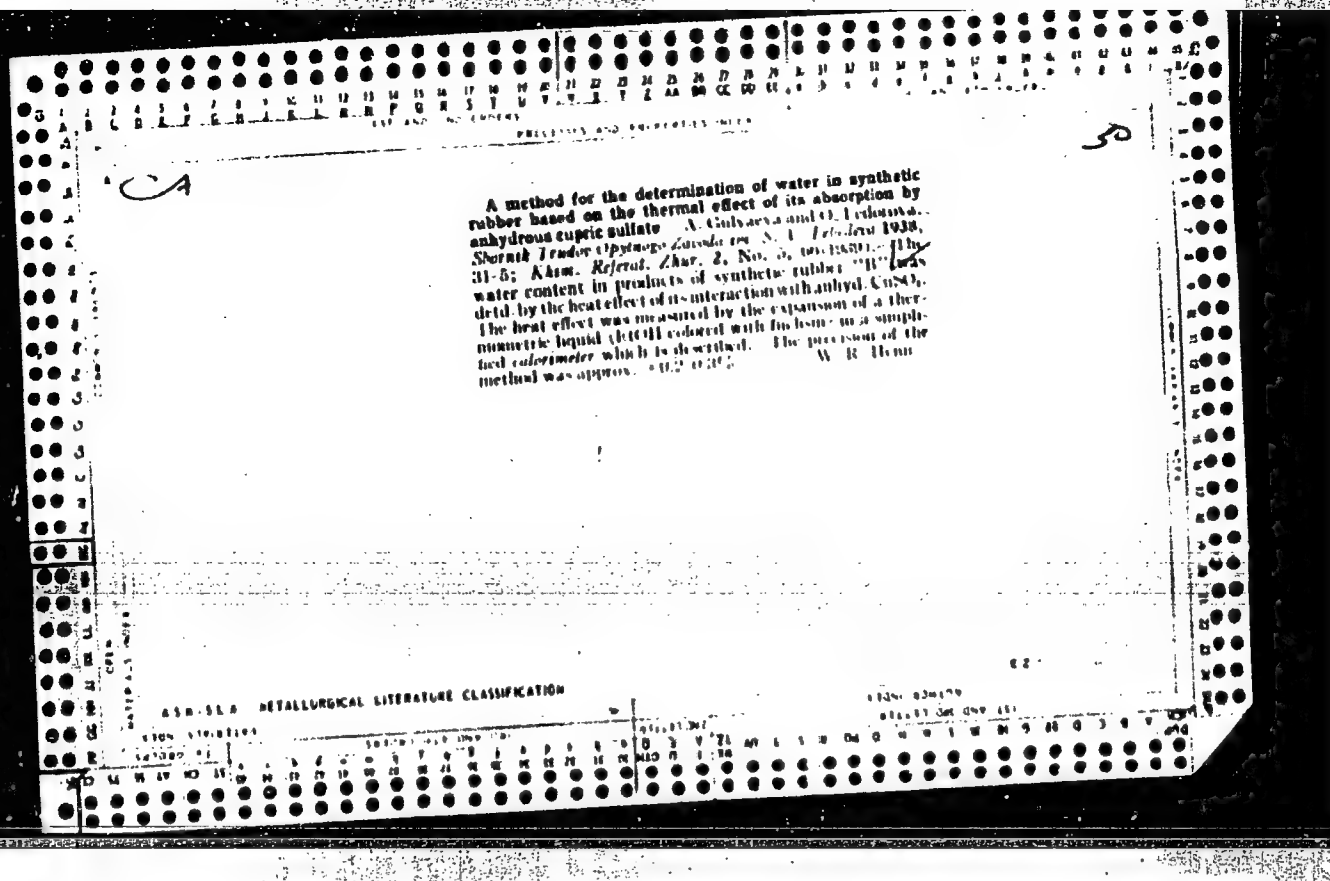
10

Conversion of synthetic fatty acids into hydroxy acids.
A. Davankov and O. Fedotova. *Org. Chem. Ind. (U. S. S. R.)*, 15-7(1936). Fatty acids are completely converted to hydroxy acids by continued oxidation with atm. O₂ at 140-150° for 10 hrs. In the presence of Mn salts of fatty acids the reaction is catalyzed at 120°. Only traces of lower (volatile) acids are formed in the reaction.
(Has. Man.)

ASAC-11-A METALLURGICAL LITERATURE CLASSIFICATION

Morphology of pigments. VII. Expression of the results of the microscopic determination of the degree of dispersion. A. V. Pamfilov and O. S. Fedorova. *J. Appl. Chem. (U. S. S. R.)* 10, 1478-80 (in French 1496) (1937); cf. C. A. 31, 2639^a.—Dispersion as related to effective diam. and the coeff. of homogeneity were investigated. For effective diam. the mean arithmetic diam. is preferable to more complicated expressions. Seven references.

A. A. Podgorny



"APPROVED FOR RELEASE: Thursday, July 27, 2000

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Some derivatives of α -hydroxyalkylphosphonic acids.
 P. I. Alimov and O. N. Tolstova (K. B. Khim. Chern.
 (Msk. Kuzn). *Izvestiya Akad. Nauk S.S.S.R., Otdel. Khim.
 Nauk* 1955, 511-51; cf. C.A. 49, 66g. [In the following
 complete R = $P(O)(OR)_2$ and the data are given in the
 order % yield, b.p./mm., n_D^{20} , and d_4^{20} .] $(EtO)_2P(O)$:
 CMe₃OH (18.8 g.), 0.7 g. Et₃N, and petr. ether treated at
 room temp. with 15 g. $(EtO)_2PCl$, and the mixt. heated 1
 hr. at 60-60°, cooled, filtered, and distd. yielded $(EtO)_2P$
 $POCHMeR$ (1), 63.1, 106-7°/0.5, 1.4379, 1.0752. This
 (7.3 g.) heated with 3.0 g. $EtOCCl_2Br$ 45 min. to 130°
 gave EtBr and $EtO_2CCH_2P(O)(OEt)OCHMeR$, 47.66, 109
 70.5°, 1.4454, 1.1570; a similar reaction with EtI in a
 sealed tube at 135-40° gave in 4 hrs. $EtI(O)(OEt)OCHMeR$,
 62.6, 140 1.6°/2, 1.4393, 1.1165. 1 (8 g.) in C₆H₆ with
 0.81 g. S reacted exothermally and the mixt. heated at 50
 60° until the S dissolved gave $(EtO)_2P(S)OCHMeR$, 50.7
 b.p., 145-6°/1.5, 1.4576, 1.1419. The same method was
 used for the prepn. of $(EtO)_2POCHMeR$, 78.12, 109
 10°/1, 109-10° (in another part of this paper this is given
 11°/3-18°/1), 1.4476, 1.0625. $(PrO)_2POCHMeR$,
 50.99, 129.9°/1, 1.4395, 1.0610; 46.65% $(PrO)_2P(O)$
 $CHMeR$, 46.65, 136.5-8°/1.5, 1.4435, 1.0570, $(iso-BuO)_2P$
 $POCHMeR$, 52.23, 129-8.5°/1, 1.4372, 1.0345, $(iso-BuO)_2P$
 $POCHMeR$, 48.12, 130-7°/1, 1.4394, 1.0277. EtO_2CCH_2P
 $(O)(OEt)OCHMeR$, 31.5, 170-1.5°/1, 1.4423, 1.1761.
 $EtP(O)(OEt)OCHMeR$, 81, 141.6 3°/1, 1.4379, 1.1295.
 $P-F(O)(OEt)OCHMeR$, 37.5, 140-2°/0.5, 1.4388, 1.0879.
 $(EtO)_2P(S)OCHMeR$, —, 145-6°/1, 1.4561, 1.1526; $(PrO)_2P$
 $(S)OCHMeR$, 75.6, 156-7°/1, 1.4579, 1.1198. $(PrO)_2P$
 $(S)OCHMeR$, 55.7, b.p. 161-2°/1, 1.4598, 1.1017; $(iso-$
 $BuO)_2P(S)OCHMeR$, 65.20, 151-2.5°/1, 1.4525, 1.0813.
 G. M. Kosolapoff

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FEDOROVA, O.N., ALIMOV, P.I., ZVEREVA, M.A., (Chem. Inst. im. Acad. A.Ye. Arbuzov, Kazan Affil. AS USSR)

"Esters and Ester Amides of Phosphoric, Thiopyrophosphoric, Dithiotriphosphoric Acids and Some of their Properties" (Efiry i efiroamidy fosfornoy, tiopirofosfornyykh, ditiotrifosfornoy kislot i ikh nekotoryye svoystva)

Chemistry and Uses of Organophosphorous Compounds
(Khimiya i primeneniye fosfororganicheskikh sovedneniy),
Trudy of First Conference, 8-10 December 1955, Kazan,
pp. Published by Kazan Affil. AS USSR, 1957
164-175.

Report discussed by B. B. Shugayev (Minsk State Medical Institute) and K.S. Shadurskiy (Minsk State Medical Institute).

ALIMOV, P.I.; FEDOROVA, O.N.; CHEPLANOVA, I.V.

Synthesis and properties of some mixed and N-substituted
amides of dialkylphosphoric acids. Izv.Kazan.fil.AN SSSR.Ser.
khim.nauk no.4:49-57 '57. (MIRA 12:5)
(Amides)
(Phosphoric acids)

ALIMOV, P.I.; ~~FEDOROVA~~, O.N.

Syntheses and properties of some di-N-substituted anidophosphates.
Izv. AN SSSR.Otd. khim. nauk no.11:1985-1990 N '60.

(MIRA 13:11)

1. Khimicheskiy institut im. A.Ye.Arbutova Kazanskogo filiala .
AN SSSR.

(Phosphoric acid)

ALIMOV, P.I.; FEDOROVA, O.N.

Preparation of amides of N-phosphorylated aminocarboxylic acids.
Izv.Kazan.fil. AN SSSR. Ser.khim.nauk no.6:48-53 '61. (MIRA 16:5)
(Phosphorus organic compounds) (Amides)

"APPROVED FOR RELEASE: Thursday, July 27, 2000

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ACC NR: AP6032588

SOURCE CODE: UR/0062/66/000/008/1370/1373

AUTHOR: Alimov, P. I.; Fedorova, O. N.

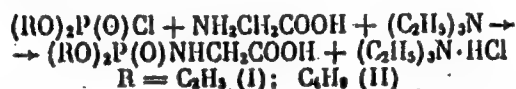
ORG: Chemical Institute im. A. Ye. Arbuzov, Academy of Sciences, SSSR (Khimicheskiy institut Akademii nauk SSSR)

TITLE: N-Phosphorylation of glycine and some of its derivatives

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 8, 1966, 1370-1373

TOPIC TAGS: glycine, phosphorylation, organic amide

ABSTRACT: The phosphorylation of amino acids and their derivatives is of interest in connection with the biological activity of amino acids, which in phosphorylated forms participate in metabolism. The article describes conditions for the phosphorylation of glycine and some of its substituted amides. Phosphorylated glycines were obtained by the action of dialkylphosphoric acid chlorides on glycine in water in the presence of a tertiary amine at $\sim 0^\circ\text{C}$:









Monosubstituted amides of N-phosphorylated aminoacetic acid, where the substituents are various groups, were obtained by the following reactions. The action of hydrox-

Card 1/3

UDC: 542.91+547.466+661.718.1

ACC NR: AP6032588

Table 1. Dialkyl Amides
of N-Dialkylphosphoryl-N-Ethylglycinos

Formula	BP, °C (p. mm Hg)	n_D^{20}	n_D^{20}	Yield, %
$C_{12}H_{21}O_2P-N-CH_2CON(C_2H_5)_2$ 	118-119,5 (0,5)	1,1076	1,4585	37,61
$(C_{12}H_{21}O_2)_2P-N-CH_2CON(C_2H_5)_2$ 	131-132 (1)	1,0668	1,4569	47,1
$(C_{14}H_{29}O_2)_2P-N-CH_2CON(C_2H_5)_2$ 	144-145 (1,5)	1,0176	1,4542	62,0
$(C_{16}H_{33}O_2)_2P-N-CH_2CON(C_2H_5)_2$ 	163-164 (1)	1,0190	1,4570	57,7
$(i-C_4H_9O)_2P-N-CH_2CON(C_2H_5)_2$ 	126-127 (0,5)	1,0264	1,4515	53,4
$(i-C_4H_9O)_2P-N-CH_2CON(C_2H_5)_2$ 	146-147 (1)	0,9923	1,4525	45,4

SUB CODE: 07/ SUBM DATE: 28Feb64/ ORIG REF: 009/ OTH REF: 011

Card 3/3

ACC NR: AP7010721

SOURCE CODE: UR/0062/66/000/008/1461/1463

AUTHOR: Alimov, P. I.; Fedorova, C. N.

ORG: Institute of Organic and Physical Chemistry imeni A. Ye. Arbuzov,
Academy of Sciences USSR (Institut organicheskoy i fizicheskoy khimii AN SSSR)

TITLE: Condensation of N-methylolamides of dialkylphosphorous acids
with mercaptans

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 8, 1966, 1461-1463

TOPIC TAGS: mercaptan, condensation reaction, organic amide, carboxylic acid

SUB CODE: 07

ABSTRACT: The condensation of N-methylolamides of dialkylphosphorous acids with mercaptans was found to proceed analogously to the corresponding carboxylic acid derivatives, yielding N-alkylthiomethylamides. Six new N-alkylthiomethylamides of dialkylphosphorous acids were produced by condensation of propyl, isopropyl, and butyl mercaptans with N-methylolamides of diethyl-, dipropyl-, diisopropyl-, and diisobutylphosphoric acids. The corresponding N-methylolamidophosphates were produced by the action of formaldehyde on amides of dialkylphosphoric acids (the alkyl residues being ethyl, propyl, isopropyl, and isobutyl) and that of paraform on the N-ethyl-amide of diethylphosphoric acid. Acyl derivatives were produced by the

Card 1/2

UDC: 542.954 + 547.269.1 + 661.718.1

0730

0736

ACC NR: AP7010721

action of acetyl chloride upon N-methylamidophosphates. The physical properties of all the new derivatives are described. Orig. art. has: 2 formulas and 2 tables. JPRS: 40,351

Card 2/2

COMMON ELEMENTS																										PROCESSES AND PROPERTIES INDEX																										NON-METALS AND OTHER FACTORS																									
1ST AND 2ND ORDERS																																																																													
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COMMON ELEMENTS

PROCESSES AND PROPERTIES INDEX

NON-METALS AND OTHER FACTORS

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

5TH AND 6TH ORDERS

7TH AND 8TH ORDERS

9TH AND 10TH ORDERS

11TH AND 12TH ORDERS

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15TH AND 16TH ORDERS

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21ST AND 22ND ORDERS

23RD AND 24TH ORDERS

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85TH AND 86TH ORDERS

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89TH AND 90TH ORDERS

91ST AND 92ND ORDERS

93RD AND 94TH ORDERS

95TH AND 96TH ORDERS

97TH AND 98TH ORDERS

99TH AND 100TH ORDERS

C.A.

4

Electrochemistry of chromium. III. A. V. PAMYLOV AND O. S. FEDOROVA.
Gen. Chem. (U. S. & R.) 2, 908-10(1933); cf. C. A. 26, 5832.—A study was made of
the electrodeposition of Cr from bi- and trivalent Cr compds. In neutral and alk. solns
with a Pt anode and Cu cathode. Temp., voltage and c. d. were varied between 13°
and 20°, 35 and 16 v. 0.03 and 0.775 amps. per sq. cm. cathode surface. Good de-
posits were obtained in many cases. No general conclusions are drawn and no expla-
nation is offered of the mechanism of the deposition of Cr from its trivalent salts.
R. L. MADONNEY

A.S.M.-I.I.A METALLURGICAL LITERATURE CLASSIFICATION

PROCESS AND PROPERTIES INDEX

A-1

Microscopical determination of perchlorate.
O. S. FROLOVA (*J. Gen. Chem. Russ.*, 1933, 3, 377—
384).—Arrhenius and Tschisch's drop method (B., 1931,
1124) can be applied to the detection of $\pm 0.017 \times$
 10^{-4} g. of ClO_4^- at a max. dilution of $1:2.35 \times 10^6$.
The method cannot be applied to determination of
 ClO_4^- in KNO_3 or KClO_3 .

R. T.

A10-15A METALLURGICAL LITERATURE CLASSIFICATION

67

3

Electrochemistry of chromium. IV. O. S. Fedorova.
J. Gen. Chem. (U. S. S. R.) 3, 6M-4M (1971); Cf. C. A.
27, 607. —Review of lit. on the theory of deposition of Cr
from aq. soln. S. L. Madorsky

ASME 5.1.1 METALLURGICAL LITERATURE CLASSIFICATION